

2020FO-99979560

Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609.4370003; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

1	tttttttttttggag	ATG GAG TTT TCG CTC TTG TTG CCC AGG CTG GAG TGC AAT GGC GCA ATC	62
1		M E F S L L L P R L E C N G A I	16
63	TCA GCT CAC CGC AAC CTC CGC CTC CGG GGT TCA AGC GAT TCT CCT GCC TCA GCC TCC CCA	122	
17	S A H R N L R L P G S S D S P A S A S P	36	
123	GTA GCT GGG ATT ACA GGC ATG TGC ACC CAC GCT CGG CTA ATT TTG TAT TTT TTT TTA GTA	182	
37	V A G I T G M C T H A R L I L Y F F L V	56	
183	GAG ATG GAG TTT CTC CAT GTT GGT CAG GCT GGT CTC GAA CTC CCG ACC TCA GAT GAT CCC	242	
57	E M E F L H V G Q A G L E L P T S D D P	76	
243	TCC CTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GCC CGG CTC TGC CTG	302	
77	S V S A S Q S A R Y R T G H A R L C L	96	
303	GCT AAT TTT TGT GGT AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGG TCT CCT GAG CTC	362	
97	A N F C G R N R V S L M C P S W S P E L	116	
363	AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT	422	
117	K Q S T C L S L P K C W D Y R R A A V P	136	
423	GGC CTT TTT ATT TTA TTT TTT TTA AGA CAC AGG TGT	482	
137	G L F I L F L R H R C P T L T Q D E V	156	

FIG. 1A

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483	CAG TGG TGT GAT CAC AGC TCA CTG CAG CCT TCA ACT CCT GAG ATC AAG CAT CCT CCT GCC	542
157	Q W C D H S S L Q P S T P E I K H P P A	176
543	TCA GCC TCC CAA GTA GCT GGG ACC AAA GAC ATG CAC CAC TAC ACC TGG CTA ATT TTT ATT	602
177	S A S Q V A G T K D M H H Y T W L I F I	196
603	TTT ATT TTT AAT TTT TTG AGA CAG AGT CTC AAC TCT GTC ACC CAG GCT GGA GTG CAG TGG	662
197	F I F N F L R Q S L N S V T Q A G V Q W	216
663	CGC AAT CTT GGC TCA CTG CAA CCT CTG CCT CCC GGG TTC AAG TTA TTC TCC TGC CCC AGC	722
217	R N L G S L Q P L P P G F K L F S C P S	236
723	CTC CTG AGT AGC TGG GAC TAC AGG CGC CCA CCA CGC CTA GCT AAT TTT TTT GTA TTT TTA	782
237	L L S S W D Y R R P P R L A N F F V F L	256
783	GTA GAG ATG GGG TTC ACC ATG TTC GCC AGG TTG ATC TTG ATC TCT GGA CCT TGT GAT CTG	842
257	V E M G F T M F A R L I L I S G P C D L	276
843	CCT GCC TCG GCC TCC CAA AGT GCT GGG ATT ACA GGC GTG AGC CAC GCC CGG CTT ATT	902
277	P A S A S Q S A G I T G V S H H A R L I	296
903	TTT AAT TTT TGT TTG TTT GAA ATG GAA TCT CAC TCT GTT ACC CAG GCT GGA GTG CAA TGG	962
297	F N F C L F E M E S H S V T Q A G V Q W	316

FIG. 1B

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Appl. No. 03/000666; Group Art Unit: 1633
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963 CCA AAT CTC GGC TCA CTG CAA CCT CTG CCT CCC GGG CTC AAG CGA TTC TCC TGT CTC AGC 1022
317 P N L G S L Q P L P P G L K R F S C L S 336

1023 CTC CCA AGC AGC TGG GAT TAC GGG CAC CTG CCA CAC CCC GCT AAT TTT TGT ATT TTC 1082
337 L P S S W D Y G H L P P H P A N F C I F 356

1083 ATT AGA GGC GGT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgc 1143
357 I R G G V S P Y L S G W S Q T P D L R 375

1144 ccacctgcctcagccttccaaagtgtgggattacaggcgtgagccacctcaccagccggctaatcttagatataaaaaat 1223

1224 atgtagcaatgggggtcttgctatgttgccagcgtggctcaacttctggcttcctgcaatccttccaatgagcca 1303

1304 caacaccagccagtcacatttttaaacagttacatctttatttttagtatactagaagtaatacaataaacatgtcaa 1383

1384 acctgcaaatlcagtagtaacagcgttctttttataactttttaaacaaagctttagagca 1442

FIG. 1C

Country	Year	Value	Unit
Algeria	1980	10.0	1000
Algeria	1981	10.0	1000
Algeria	1982	10.0	1000
Algeria	1983	10.0	1000
Algeria	1984	10.0	1000
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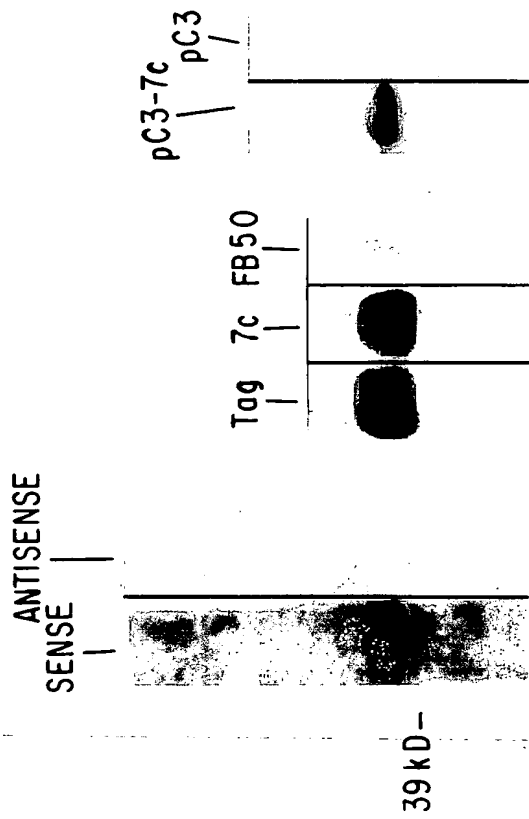
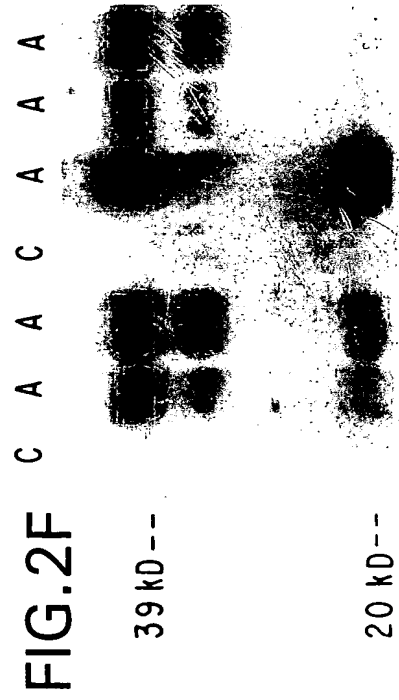
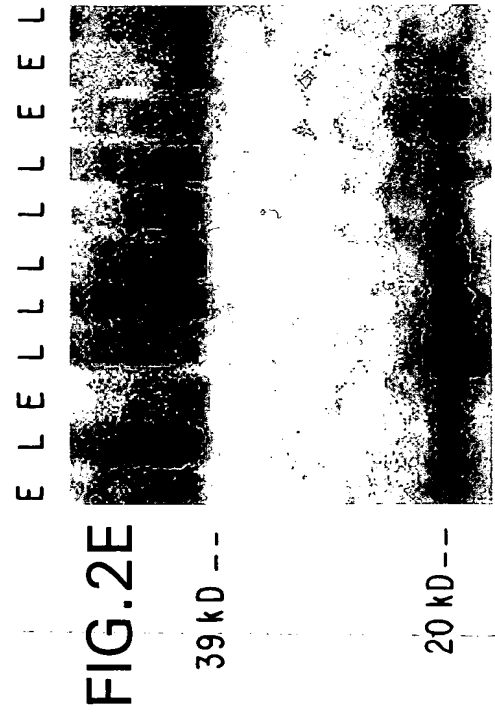
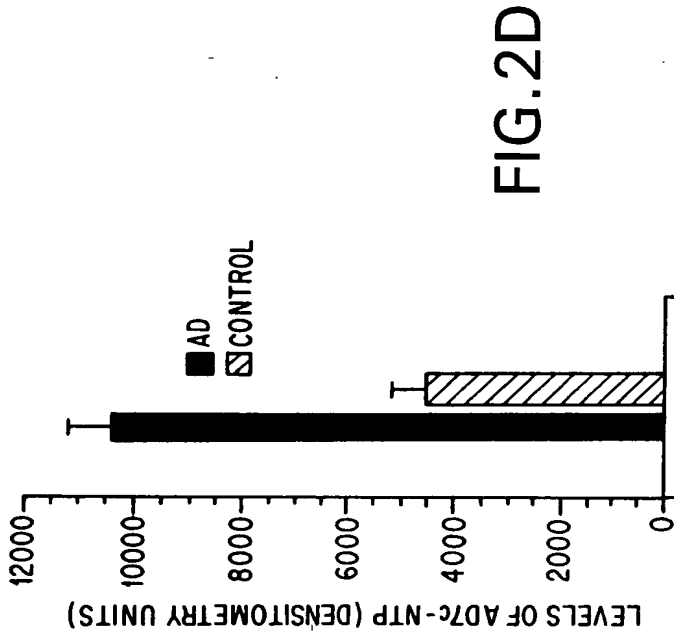


FIG. 2A FIG. 2B FIG. 2C



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 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
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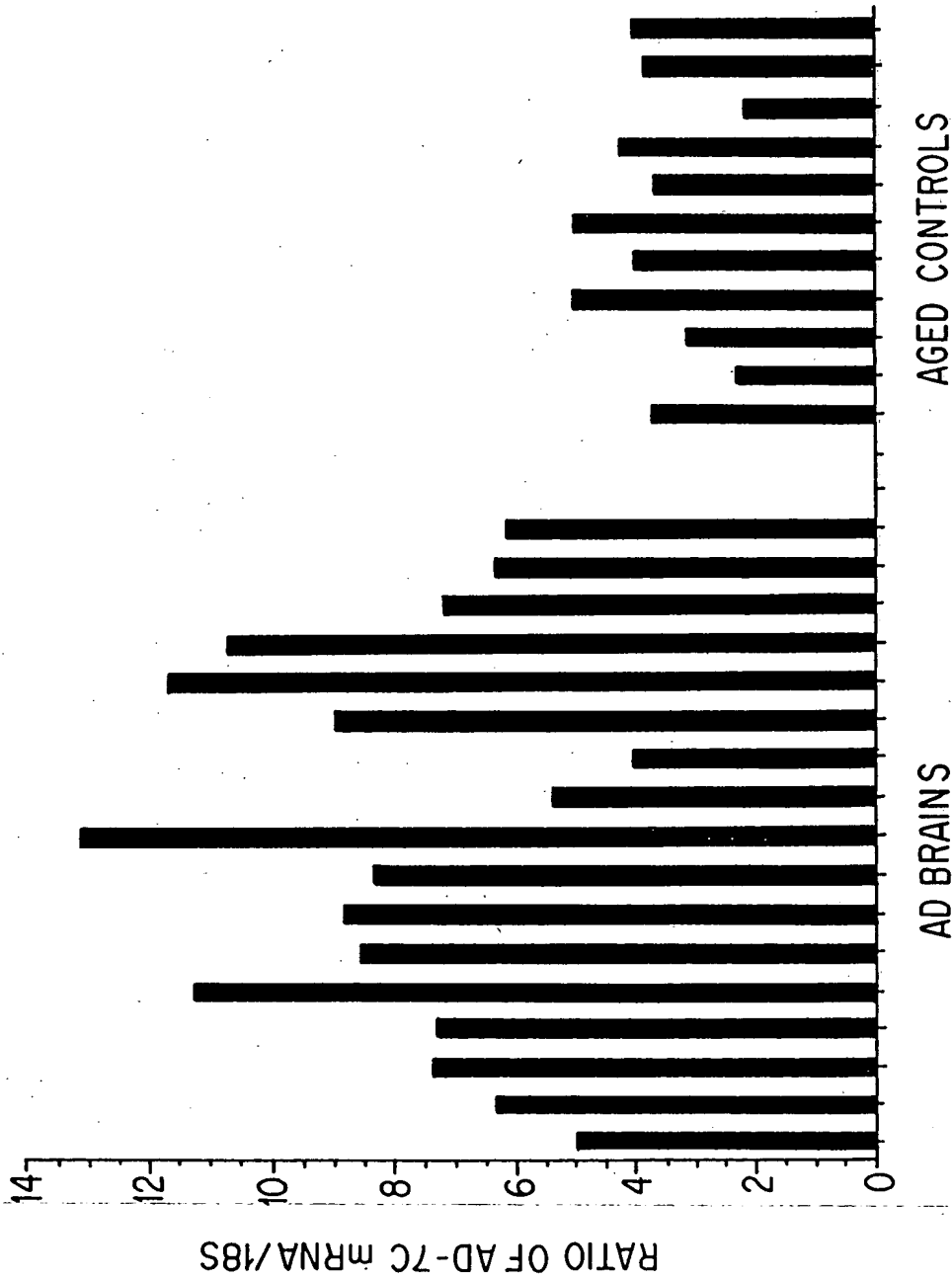


FIG. 3A

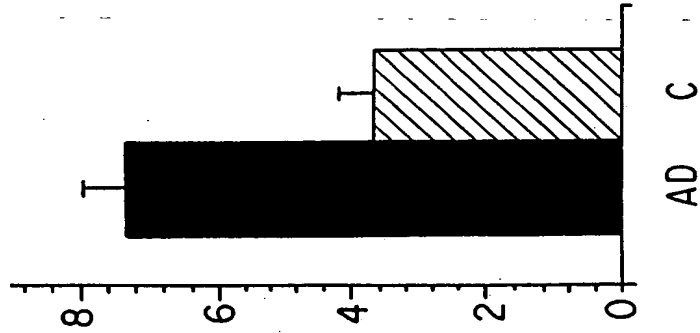


FIG. 3B

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FIG. 3C

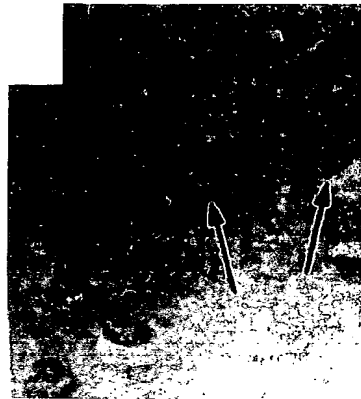


FIG. 3D



FIG. 3E



FIG. 3F

09964666-010202

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FIG. 4A

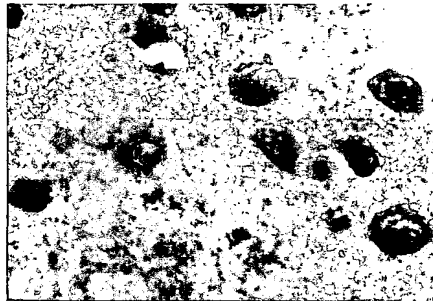


FIG. 4B

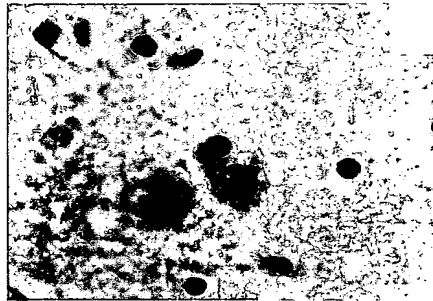


FIG. 4C

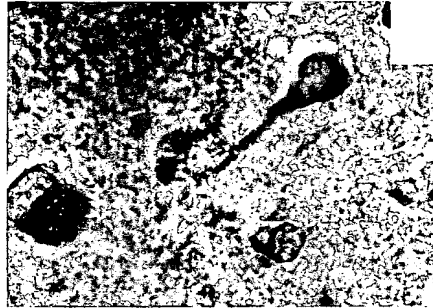


FIG. 4D

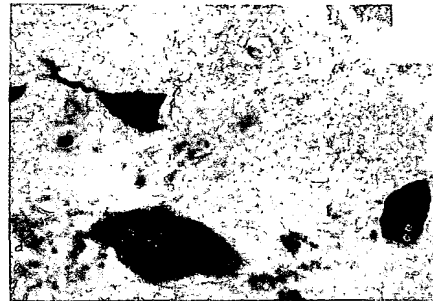


FIG. 4E

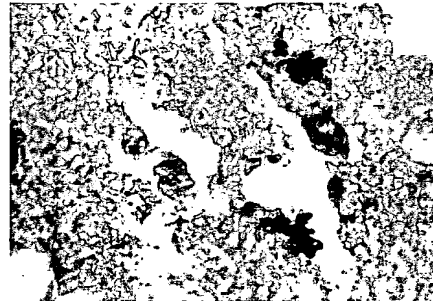


FIG. 4F

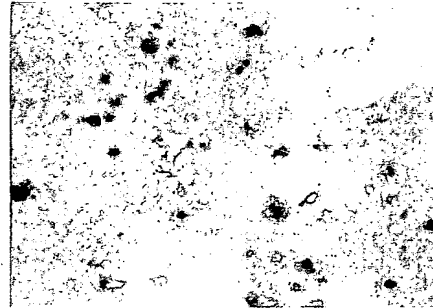


FIG. 4G



FIG. 4H

Appl. No. 09/964,666; Group Art Unit: 1633
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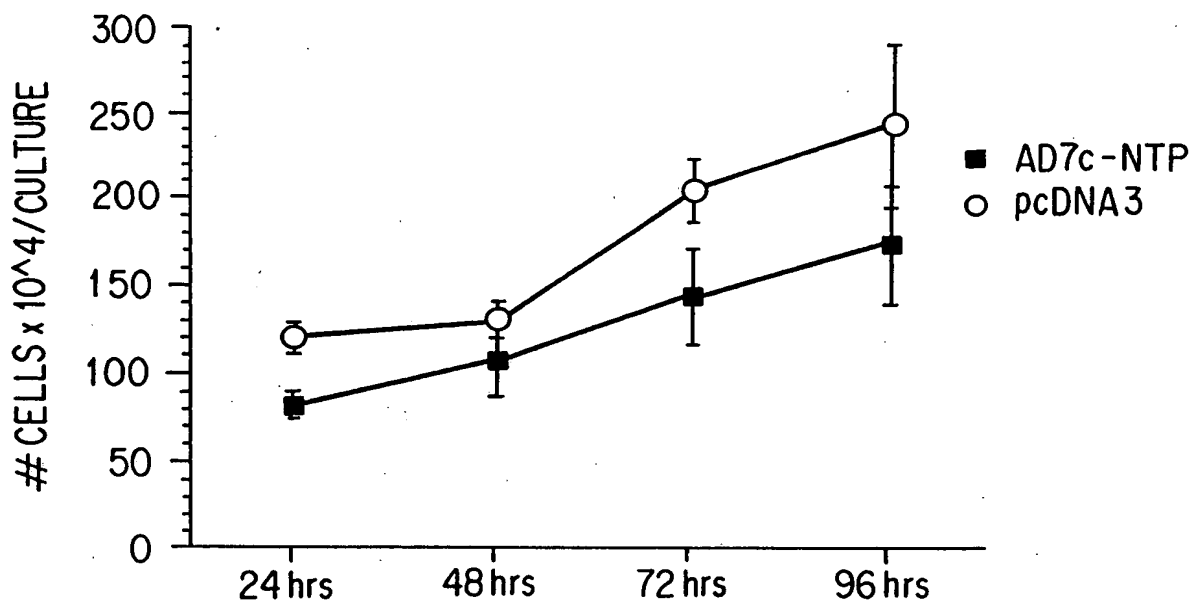


FIG. 5A

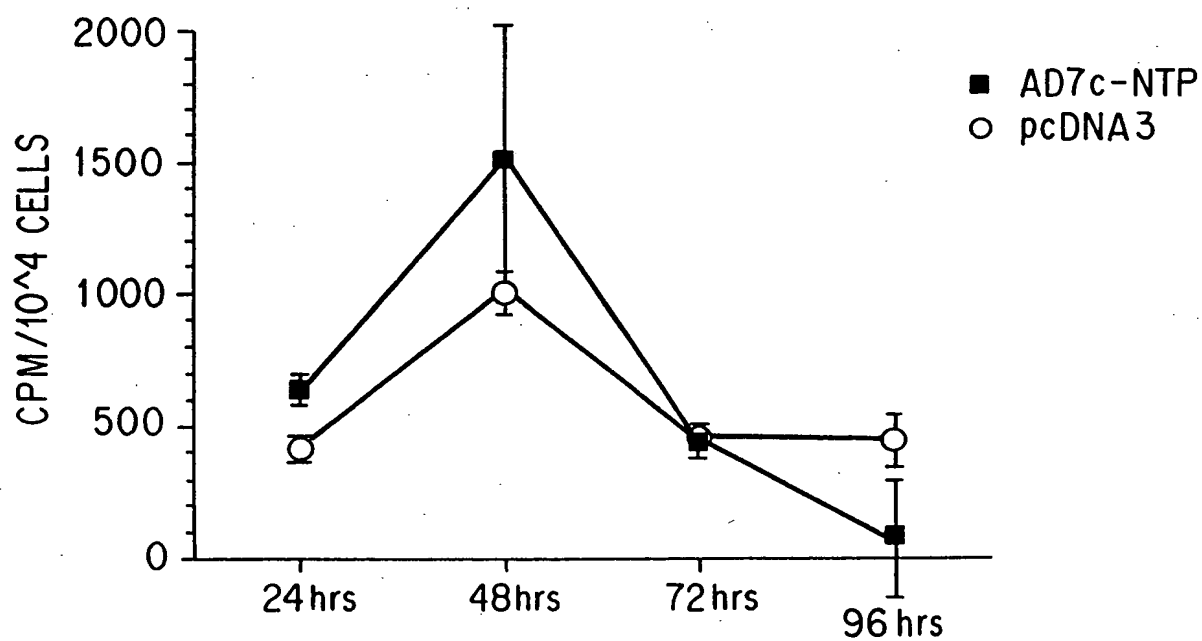


FIG. 5B

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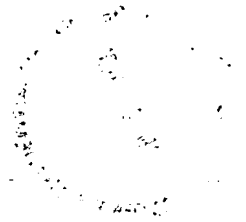


FIG. 6A

FIG. 6B

FIG. 6E

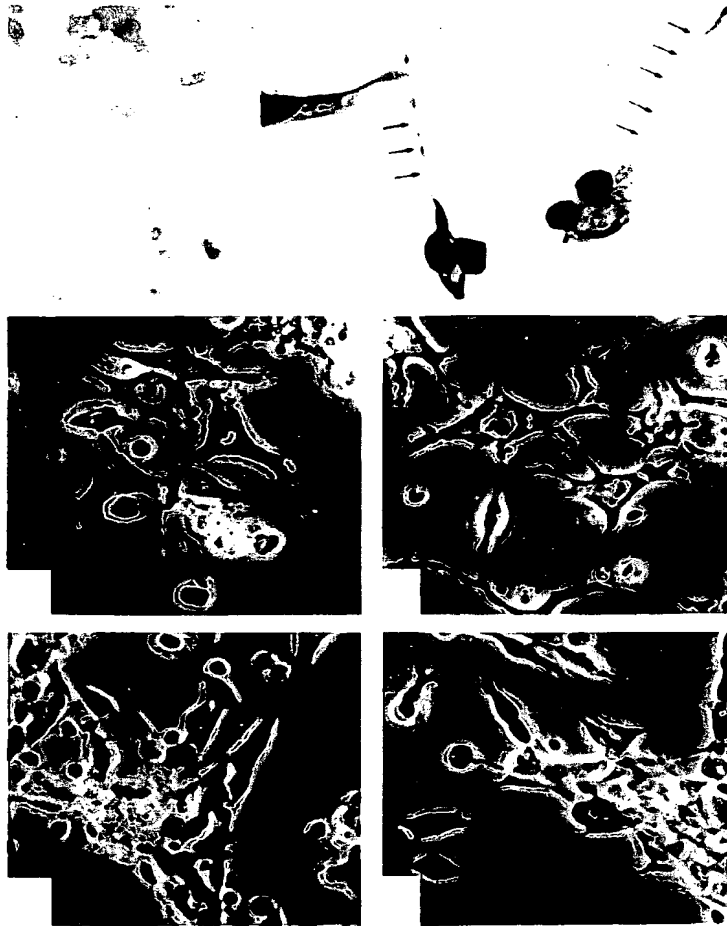


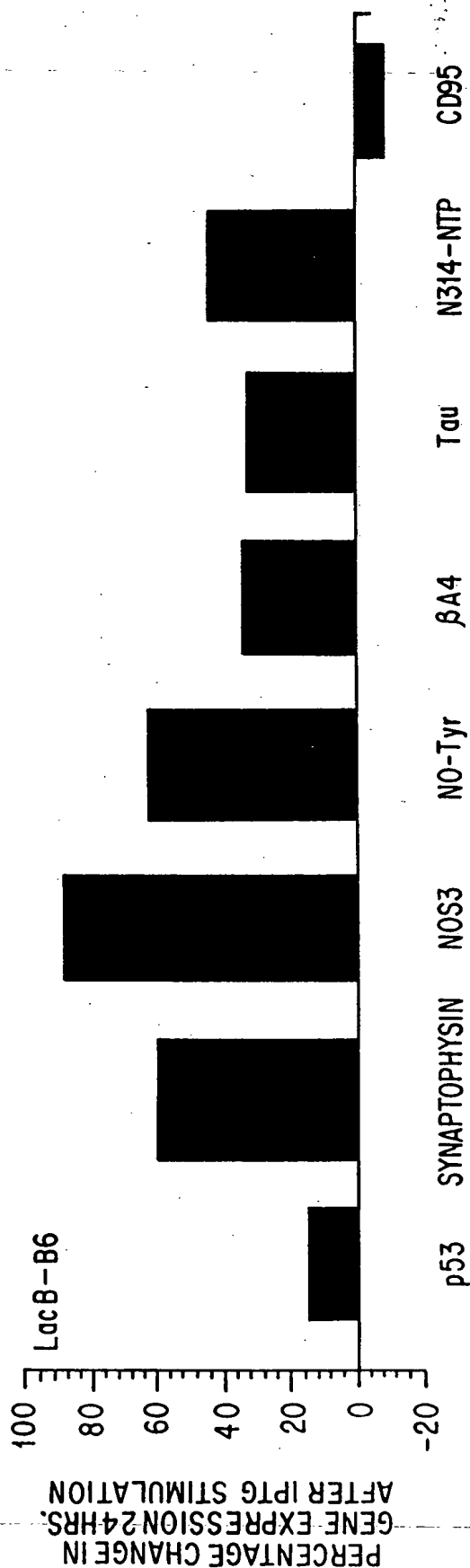
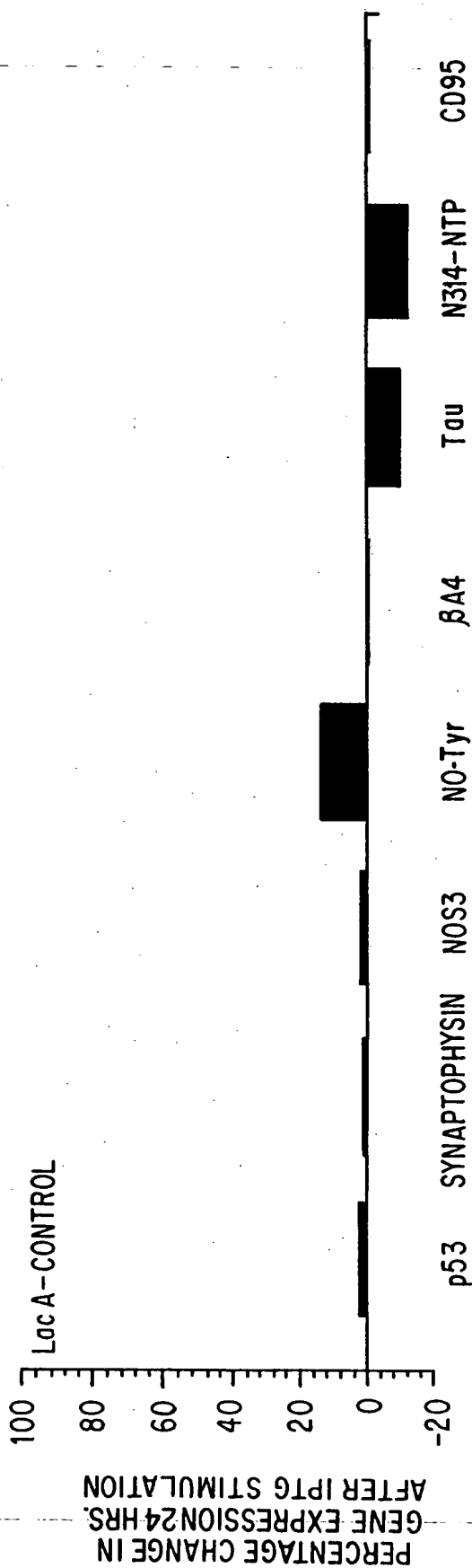
FIG. 6F

FIG. 6G

FIG. 6C

FIG. 6D

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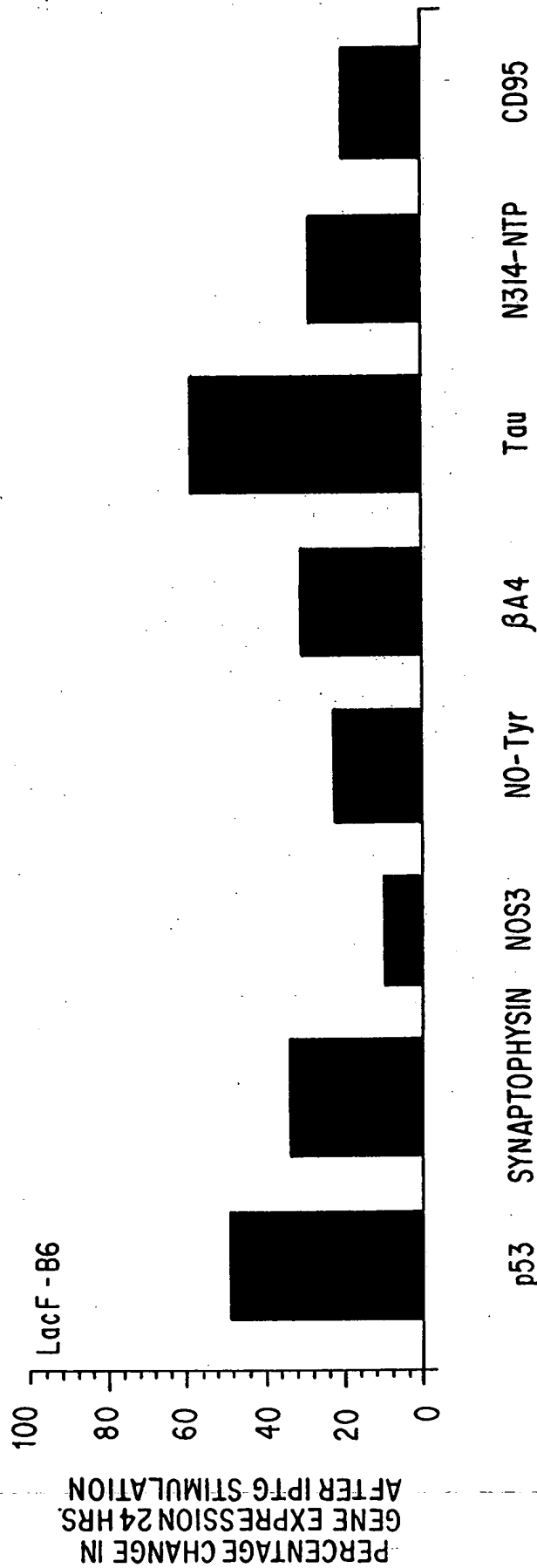


FIG. 7C

202070-99949660

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% CHANGE WITH IPTG STIMULATION

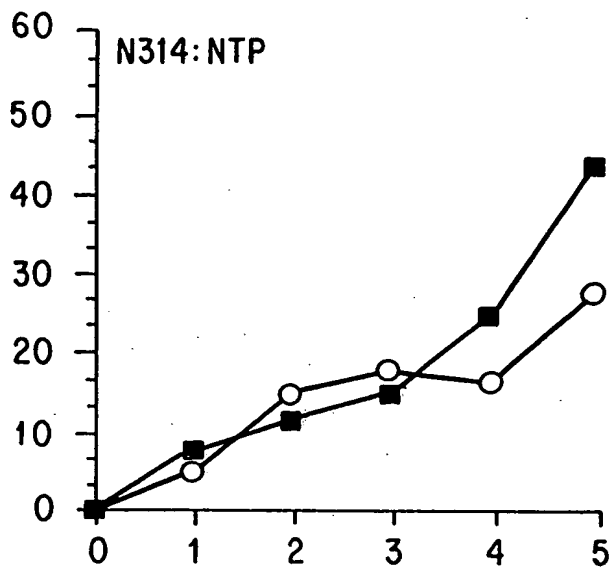


FIG. 8A

% CHANGE WITH IPTG STIMULATION

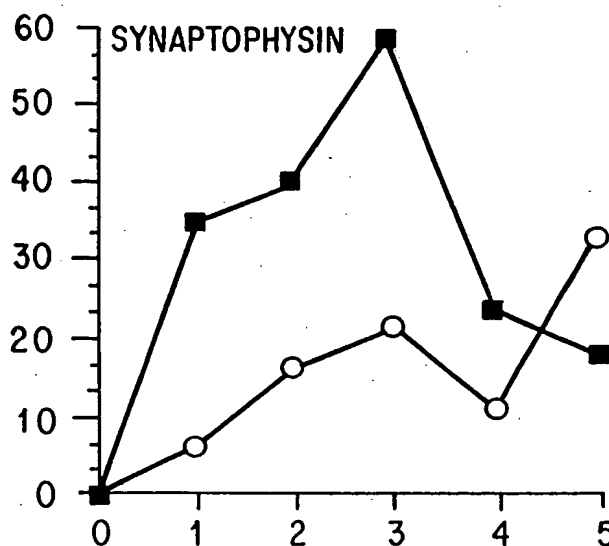


FIG. 8B

Appl. No. 09/964,666; Group Art Unit: 1633
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 Inventors: de la Monte *et al.*; Tel: 202/371-2600
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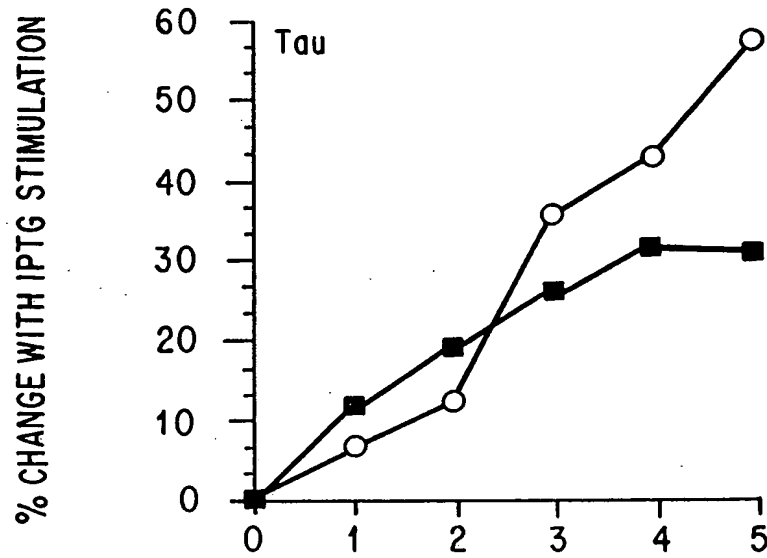


FIG. 8C

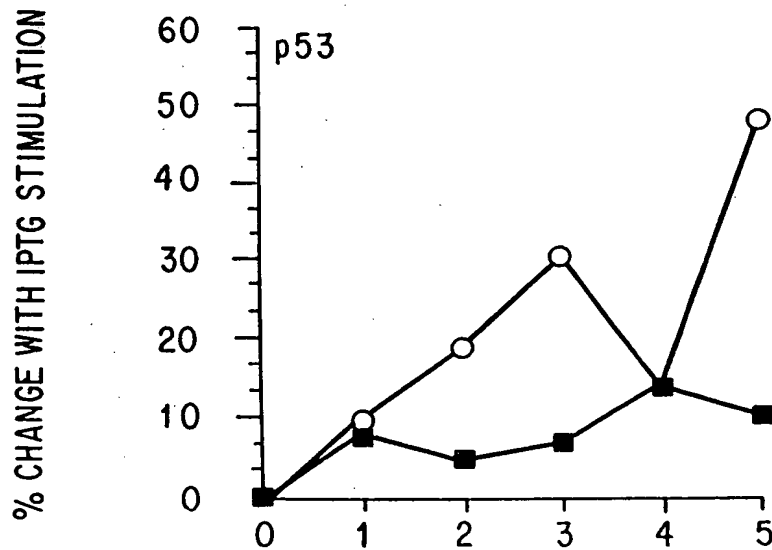


FIG. 8D

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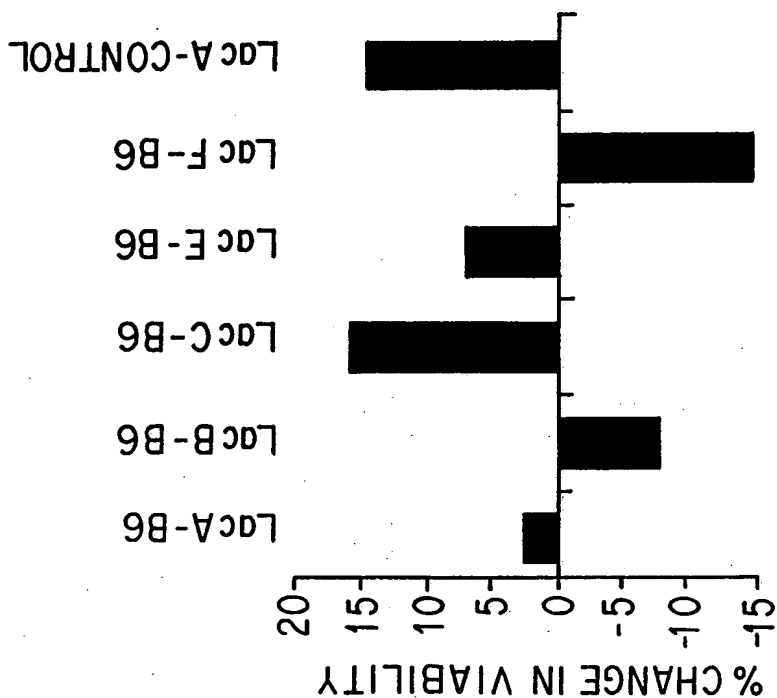


FIG. 9B

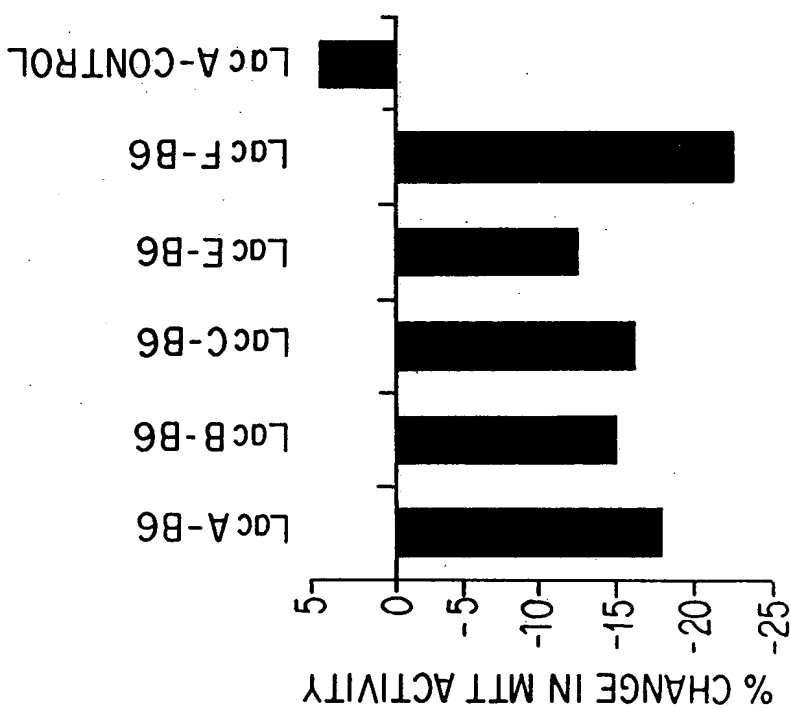


FIG. 9A

0096466-04202

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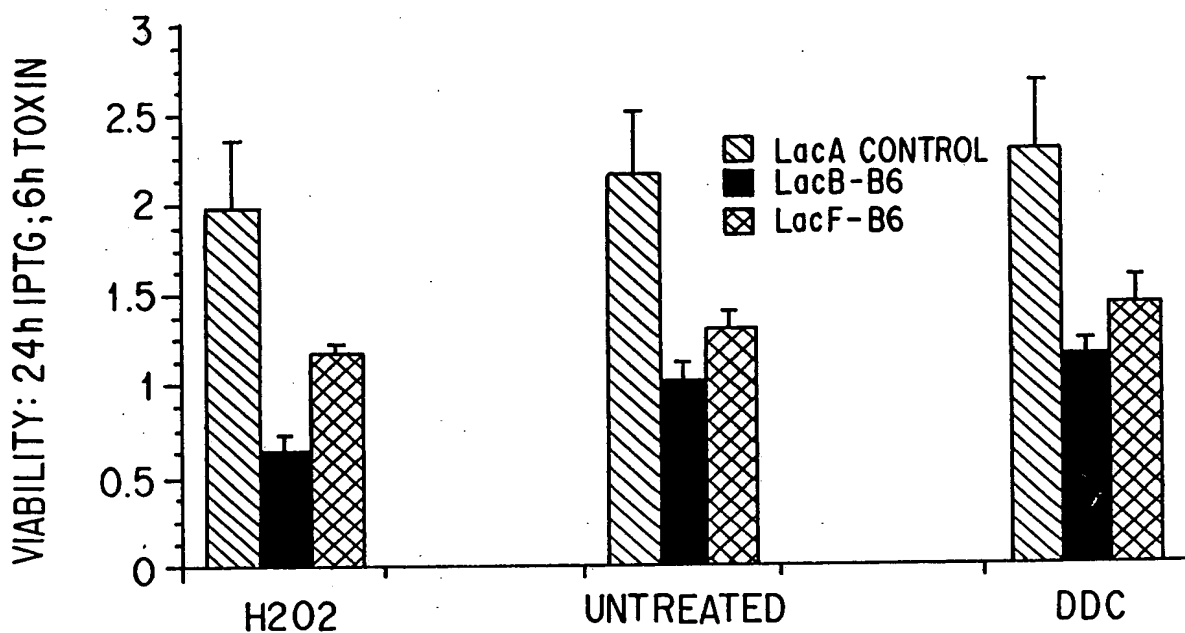


FIG. 10A

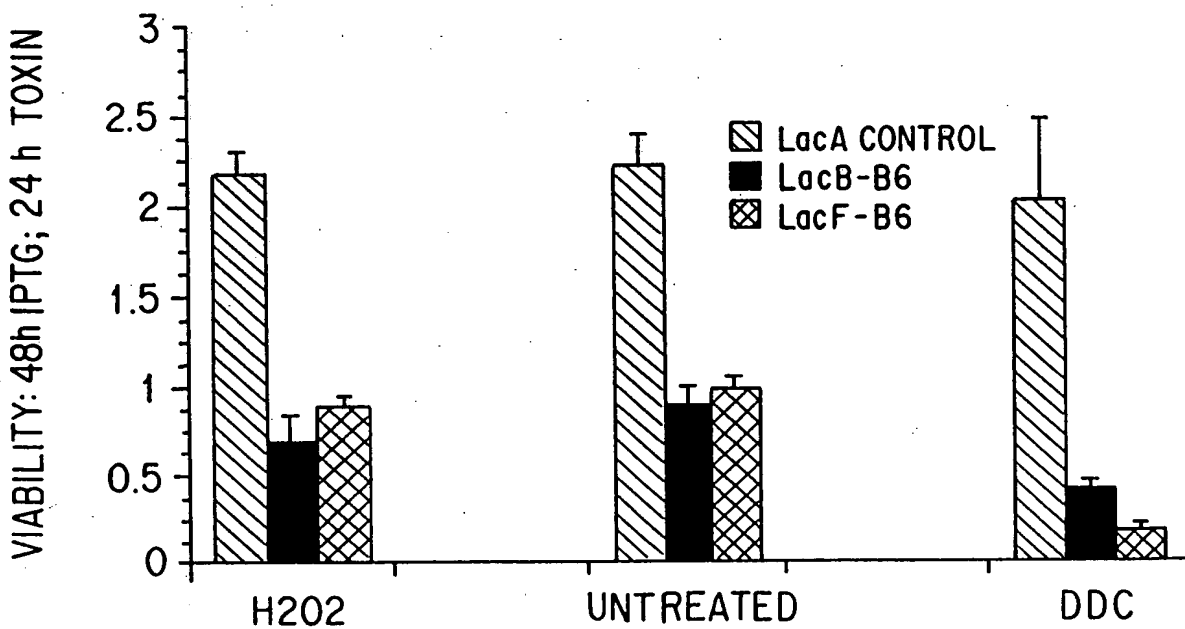


FIG. 10B

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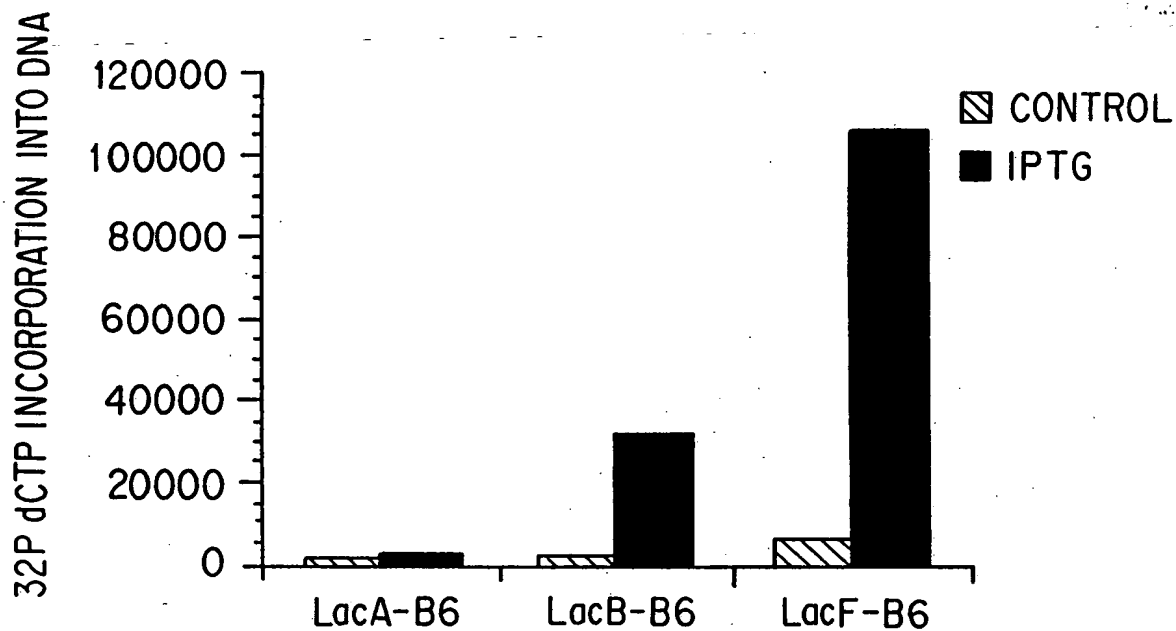


FIG. 11

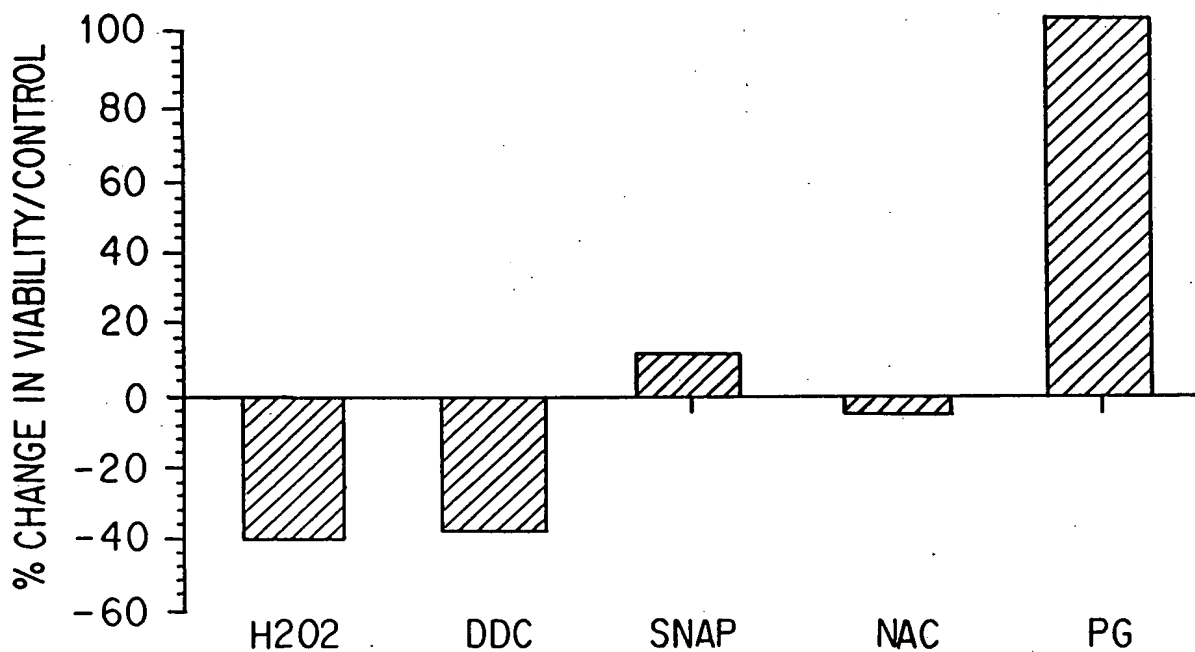


FIG. 12